

> Joint Biological Point Detection System (JBPDS)

DESCRIPTION

The JBPDS is a suite of electronic equipment, mounted in either a transportable shelter or a trailer, which monitor for, detect, and identify airborne biological threat agents. The Trailer-Mounted JBPDS will include a M116A3 trailer and a 3-kilowatt Tactical Quiet Generator as part of the system. Depending on platform, the JBPDS can be used as a stationary detector or move as part of a mobile reconnaissance effort. JBPDS will be fielded with Marine Force Service Support Groups, from where it will support various MAGTFs. The U.S. Army leads the development of this joint program.

OPERATIONAL IMPACT

The JBPDS will meet the Joint Chiefs' urgent requirement to enhance the survivability of U.S. forces faced with biological warfare threats. It will provide commanders with biological agent detection, identification,

sample collection, and warning capabilities. The primary purpose of the JBPDS will be to limit the effects of biological agent attacks that have the potential for catastrophic effects to U.S. forces at the operational level of war. Detection and identification of biological agents within the theater of operations will increase the effectiveness of U.S. forces by limiting adverse impacts on operations and logistical systems. The JBPDS will provide the Marine Corps its first capability for the point detection and identification of airborne biological warfare agents.

PROGRAM STATUS

JPBDS is currently in low-rate initial production, and will be developed in two blocks. Full rate production of Block I is expected to begin in FY 2004 for an objective of full operational capability with 152 systems in FY 2007, after which Block II production may begin.

PROCUREMENT PROFILE: FY03 FY04

Quantity: 0 0

DEVELOPER/MANUFACTURER

LRIP and LPU systems and spares:

General Dynamics, DeLand, FL

Subcontractor: Battelle, Columbus, OH